

TITLE: Preparation of methyl 2-[2-(1-phenyl-1H-pyrazol-3-yl)oxymethylphenyl]-3-fluoromethoxy-2-acrylates as agrochemical fungicides, insecticides, and acaricides.

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PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: Ger. Offen., 18 pp.
CODEN: GWXXBX

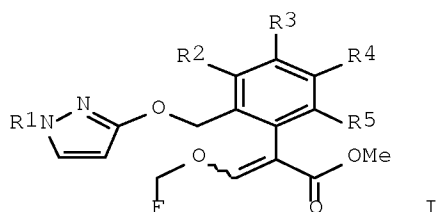
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PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19961330	A1	20010621	DE 1999-19961330	19991220 <--
WO 2001046153	A1	20010628	WO 2000-EP12322	20001207 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1242384	A1	20020925	EP 2000-985146	20001207
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003518099	T	20030603	JP 2001-547064	20001207
US 6562856	B1	20030513	US 2002-149889	20020614
PRIORITY APPLN. INFO.:			DE 1999-19961330	A 19991220
			WO 2000-EP12322	W 20001207
OTHER SOURCE(S):		MARPAT 135:46178		
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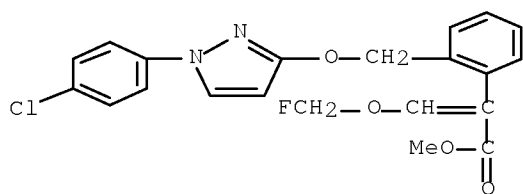
AB Title compds. [I; R1 = alkyl, cycloalkyl, aryl; R2-R5 = H, halo, cyano, NO2, (halo-substituted) alkyl, alkoxy, alkylthio, alkylsulfinyl, alkylsulfonyl] were prepared. Thus, 2-(2-bromoethylphenyl)-3-(fluoromethoxy)-2-acrylic acid Me ester was stirred for 18 h at room temperature with 1-(4-chlorophenyl)-1,2-dihydro-3H-pyrazol-3-one and NaH in DMF to give 48% Me 2-[2-[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxymethylphenyl]-3-fluoromethoxy-2-acrylate. Tested I at 250 g/ha gave 98% control of Puccinia recondita on wheat.

IT 344569-93-3P 344569-94-4P 344569-95-5P
 344569-96-6P 344569-97-7P 344569-98-8P
 344569-99-9P 344570-00-9P 344570-01-0P
 344570-02-1P 344570-03-2P 344570-04-3P
 344570-05-4P 344570-06-5P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of phenylpyrazolyloxymethylphenylfluoromethoxyacrylic acid Me esters as agrochem. fungicides, insecticides, and acaricides)

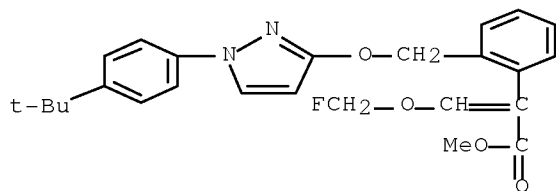
RN 344569-93-3 ZCAPLUS

CN Benzeneacetic acid, 2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]- α -(fluoromethoxy)methylene]-, methyl ester (9CI) (CA INDEX NAME)



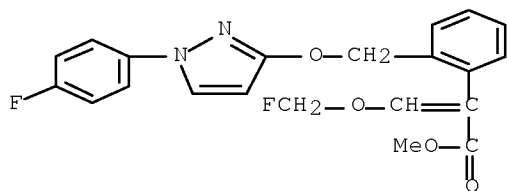
RN 344569-94-4 ZCAPLUS

CN Benzeneacetic acid, 2-[[[1-[4-(1,1-dimethylethyl)phenyl]-1H-pyrazol-3-yl]oxy]methyl]- α -(fluoromethoxy)methylene]-, methyl ester (9CI)
 (CA INDEX NAME)



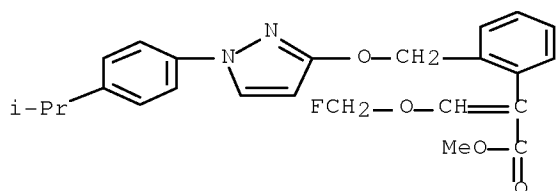
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CN Benzeneacetic acid, α -(fluoromethoxy)methylene]-2-[[[1-(4-fluorophenyl)-1H-pyrazol-3-yl]oxy]methyl]-, methyl ester (9CI) (CA INDEX NAME)



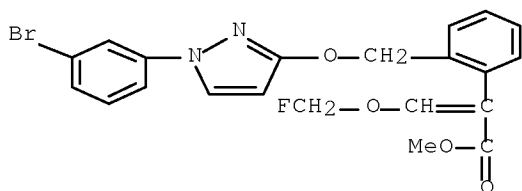
RN 344569-96-6 ZCAPLUS

CN Benzeneacetic acid, α -[(fluoromethoxy)methylene]-2-[[[1-[4-(1-methylethyl)phenyl]-1H-pyrazol-3-yl]oxy]methyl]-, methyl ester (9CI) (CA INDEX NAME)



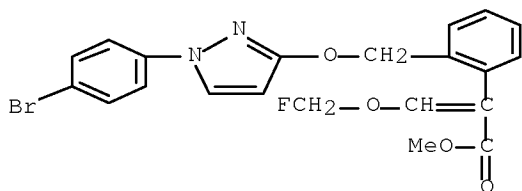
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CN Benzeneacetic acid, 2-[[[1-(3-bromophenyl)-1H-pyrazol-3-yl]oxy]methyl]- α -[(fluoromethoxy)methylene]-, methyl ester (9CI) (CA INDEX NAME)



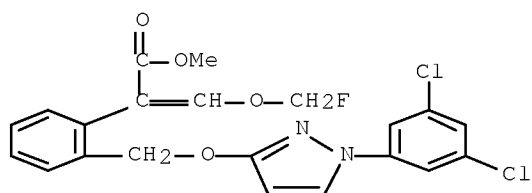
RN 344569-98-8 ZCAPLUS

CN Benzeneacetic acid, 2-[[[1-(4-bromophenyl)-1H-pyrazol-3-yl]oxy]methyl]- α -[(fluoromethoxy)methylene]-, methyl ester (9CI) (CA INDEX NAME)



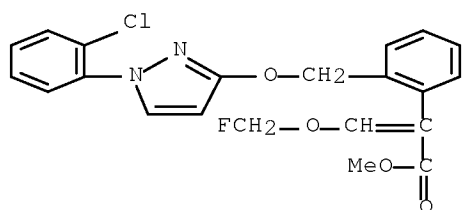
RN 344569-99-9 ZCAPLUS

CN Benzeneacetic acid, 2-[[[1-(3,5-dichlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]- α -[(fluoromethoxy)methylene]-, methyl ester (9CI) (CA INDEX NAME)



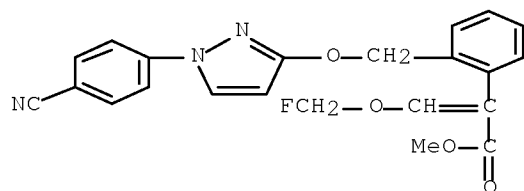
RN 344570-00-9 ZCAPLUS

CN Benzeneacetic acid, 2-[[[1-(2-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]- α -[(fluoromethoxy)methylene]-, methyl ester (9CI) (CA INDEX NAME)



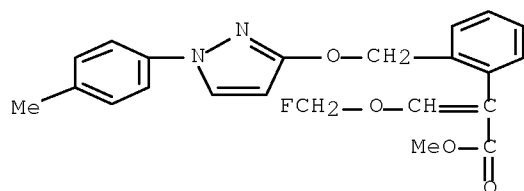
RN 344570-01-0 ZCAPLUS

CN Benzeneacetic acid, 2-[[[1-(4-cyanophenyl)-1H-pyrazol-3-yl]oxy]methyl]- α -[(fluoromethoxy)methylene]-, methyl ester (9CI) (CA INDEX NAME)



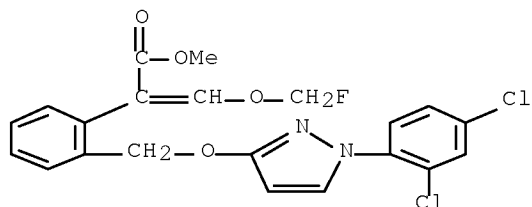
RN 344570-02-1 ZCAPLUS

CN Benzeneacetic acid, α -[(fluoromethoxy)methylene]-2-[[[1-(4-methylphenyl)-1H-pyrazol-3-yl]oxy]methyl]-, methyl ester (9CI) (CA INDEX NAME)



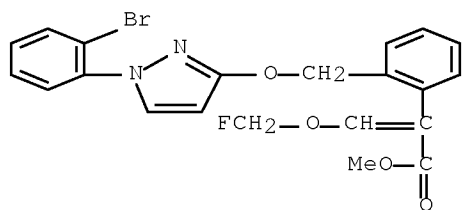
RN 344570-03-2 ZCAPLUS

CN Benzeneacetic acid, 2-[[[1-(2,4-dichlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]- α -(fluoromethoxy)methylene]-, methyl ester (9CI)
(CA INDEX NAME)



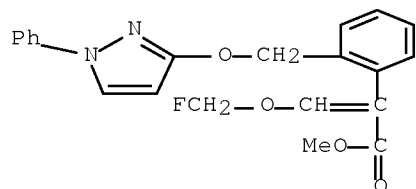
RN 344570-04-3 ZCAPLUS

CN Benzeneacetic acid, 2-[[[1-(2-bromophenyl)-1H-pyrazol-3-yl]oxy]methyl]- α -(fluoromethoxy)methylene]-, methyl ester (9CI) (CA INDEX NAME)



RN 344570-05-4 ZCAPLUS

CN Benzeneacetic acid, α -(fluoromethoxy)methylene]-2-[[[1-(phenyl)-1H-pyrazol-3-yl]oxy]methyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 344570-06-5 ZCAPLUS

CN Benzeneacetic acid, 2-[[[1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-1H-pyrazol-3-yl]oxy]methyl]- α -(fluoromethoxy)methylene]-, methyl ester (9CI) (CA INDEX NAME)

